

**REMARKS****Status Of Claims**

Upon entry of this amendment, Claims 2 -10 and 12-14 are pending in this application. Claims 1 and 11 are canceled herein. Claims 2-10 are amended. New claims 12-14 are added herein. No new matter is added.

Applicants note the claim amendments are supported by the specification at least on, e.g., page 11, line 16 to page 13; line 6, page 12, line 24 to page 13; line 6, Fig. 1; page 15, lines 21-26; as well as Fig. 1.

**Response to Claim Objections**

Claims 9 and 10 stand objected to as allegedly requiring amendment to the preamble. Applicant respectfully traverses this requirement.

However, Claims 9 and 10 have been amended rendering this objection moot.

**Response to Claim Rejections under 35 USC § 102**

Claim 11 is rejected under 35 U.S.C. 102(b) as being anticipated by Kaifu et al (6,075,256; "Kaifu '256"). Applicant respectfully traverses. However, claim 11 is canceled herein rendering this rejection moot.

**Response to Claim Rejections under 35 USC § 103**

Claims 1-4 and 10 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Alving et al (6,895,078; "Alving '078") in view of Yamazaki et al (6,944,266; "Yamazaki '266"). Claims 5-9 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Alving et al in view of Yamazaki '266 and further in view of Kaifu '256.

Applicant respectfully asserts Alving et al (US-6,895,078) does not disclose at least "a phototimer detection unit which is arranged on a substrate on which a plurality of pixels are two-dimensionally arranged" and "a second read unit, which is connected to a signal line, for reading a detected signal detected by said phototimer detection unit from said signal line" as recited in Claim 2. Also, Alving et al does not disclose at least "a phototimer detection unit which is arranged in the same place as that of a signal line" as recited in Claim 12.

Applicant also respectfully asserts Yamazaki et al (US-6,944,266) does not disclose at least "a second read unit, which is connected to a signal line, for reading a detected signal detected by a phototimer detection unit from said signal line" as recited in Claim 2. Also, Yamazaki et al does not disclose at least "a phototimer detection unit which is arranged in the same place as that of a signal line" as recited in Claim 12.

Further, Applicant respectfully asserts neither Yamazaki '266, or Kaifu '256 rectify the deficiencies of Alving '078. Consequently, the invention as claimed is patentable over Alving et al, Yamazaki et al and Kaifu et al.

In view of the above, Applicant respectfully asserts none of the cited documents whether considered separately or together teach or suggest all claimed elements of Applicant's claimed invention. Accordingly, Applicant respectfully requests the withdrawal of all claim rejections under 35 USC 103(a).

**CONCLUSION**

Applicant respectfully asserts that the application is now believed to be in a form for allowance and such action is hereby solicited.

If any points remain an issue which the Examiner feels may be best resolved through an additional personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

**AUTHORIZATION**

The Commissioner is hereby authorized to charge any additional fees which may be required by this paper, or credit any overpayment to Deposit Account No. 13-4500, Order No. 1232-5295. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

Respectfully submitted,  
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